

RECOMBINANT PROTEIN PRODUCTION IN BOVINE ADENOVIRUS
EXPRESSION VECTOR SYSTEM

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Abstract of the Disclosure

10 The present invention relates novel live bovine
adenovirus (BAV) expression vector systems in which part
or all of one or both of the early region 1 (E1) and
early region 3 (E3) genes are deleted and replaced by a
foreign gene or fragment thereof and novel recombinant
mammalian cell lines stably transformed with BAV E1
sequences, and therefore, express E1 gene products
capable of allowing replication therein of a bovine
15 adenovirus having an E1 deletion replaced by a
heterologous nucleotide sequence encoding a foreign gene
or fragment thereof and their use in production of
(antigenic) polypeptides or fragments thereof for the
purpose of live recombinant virus or subunit vaccine or
20 for other therapies.

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